

AMENDMENTS TO THE CLAIMS:

Please amend Claim 27 as follows:

1. (Previously presented) A spatial light modulator package, comprising:
 - a substrate;
 - a case molded to said substrate and defining a package cavity;
 - a spatial light modulator in said cavity;
 - a cover cooperating with said substrate to enclose said spatial light modulator and allowing light to pass through said cover to said spatial light modulator; and
 - an aperture spaced apart from said cover between said cover and said spatial light modulator.
2. (Original) The spatial light modulator package of Claim 1, wherein said aperture is stamped metal.
3. (Original) The spatial light modulator package of Claim 1, wherein:
 - said aperture is separate from said cover glass; and
 - said aperture is mounted on a surface inside said package cavity and in close proximity to said spatial light modulator.
4. (Previously presented) The spatial light modulator package of Claim 1, wherein said aperture prevents said light from reaching surfaces around perimeter of said spatial light modulator.
5. (Previously presented) The spatial light modulator package of Claim 1, further comprising:
 - a light shield fabricated on the surface of said spatial light modulator chip.
6. (Previously presented) The spatial light modulator package of Claim 1, wherein said cover is mounted out of the focal plane of the spatial light modulator.
7. (Original) The spatial light modulator package of Claim 1, said cover having an anti-reflective coating.
8. (Original) The spatial light modulator package of Claim 1, said spatial light modulator being a micromirror.
9. (Original) The spatial light modulator package of Claim 1, further comprising:

an environmental control material carrier in said cavity; and
getters held by said carrier.

10. (Original) The spatial light modulator package of Claim 9, wherein said getters are comprised of moisture collecting desiccants.
11. (Original) The spatial light modulator package of Claim 10 wherein said aperture and carrier are combined.
12. (Original) A projection display comprising:
 - a light source for producing a beam of light;
 - a first condenser lens for focusing said beam of light;
 - a color filter wheel for filtering said focused beam of light;
 - a second condenser lens for focusing said filtered beam of light;
 - a spatial light modulator array mounted in a package with a drop-in aperture and window for spatially modulating said beam of light; and
 - a projection lens for focusing said spatially modulated beam of light on an image plane.
13. (Previously presented) The projection display of Claim 12 wherein:
 - said spatial light modulator array is a micromirror array; and
 - said aperture is mounted in close proximity to said micromirror array to limit the light reaching the area surrounding said micromirror array; and
 - said cover glass is mounted out of the focal plane of said micromirror array.
14. (Previously presented) The projection display of Claim 12 further comprising at least one environmental control material carrier.
15. (Previously presented) The projection display of Claim 14 wherein said environmental control material carrier holds at least one environmental control material selected from the group consisting of: moisture collecting desiccants and lubricant storage reservoirs.
16. (Canceled)
17. (Previously presented) A spatial light modulator package, comprising:
 - a substrate defining a package cavity;
 - a spatial light modulator in said cavity;

a cover cooperating with said substrate to enclose said spatial light modulator and allowing light to pass through said cover to said spatial light modulator; and an aperture spaced apart from said cover and between said cover and said spatial light modulator.

18. (Previously presented) The spatial light modulator package of Claim 17, wherein said aperture is stamped metal.
19. (Previously presented) The spatial light modulator package of Claim 17, wherein:
said aperture is mounted closer to the plane of said spatial light modulator than to the plane of said cover.
20. (Previously presented) The spatial light modulator package of Claim 17, said cover having an anti-reflective coating.
21. (Previously presented) The spatial light modulator package of Claim 17, said spatial light modulator being a micromirror.
22. (Previously presented) The spatial light modulator package of Claim 17, further comprising:
an environmental control material carrier in said cavity; and
getters held by said carrier.
23. (Previously presented) The spatial light modulator package of Claim 22 wherein said aperture and carrier are combined.
24. (Previously presented) A projection display comprising:
a light source for producing a beam of light on a light path;
a spatial light modulator on said light path for spatially modulating said beam of light, said spatial light modulator comprising:
a substrate defining a package cavity;
a modulation device in said cavity;
a cover cooperating with said substrate to enclose said modulation device and allowing light to pass through said cover to said modulation device; and
an aperture spaced apart from said cover and between said cover and

said modulation device; and

a projection lens on said light path for focusing said spatially modulated beam of light onto an image plane.

25. (Previously presented) The projection display of Claim 24 wherein:
 - said spatial light modulator array is a micromirror array; and
 - said aperture is mounted in close proximity to said micromirror array to limit the light reaching the area surrounding said micromirror array; and
 - said cover glass is mounted out of the focal plane of said micromirror array.
26. (Previously presented) The micromirror projection display of Claim 24 further comprising at least one environmental control material carrier.
27. (Currently amended) A method of packaging a spatial light modulator, the method comprising:
 - providing a package substrate;
 - attaching a spatial light modulator to said substrate;
 - attaching an aperture to said substrate in proximity to said spatial light modulator to limit light from reaching regions selected from the group consisting of regions of said substrate, regions of said spatial light modulator, bond wires, bond pads, and other peripheral structures; and
 - attaching a cover to said substrate to enclose said aperture and said spatial light modulator.
28. (Previously presented) The method of Claim 27, said attaching a spatial light modulator comprising attaching a micromirror device to said substrate.
29. (Previously presented) The method of Claim 27, said attaching an aperture to said substrate comprising attaching said aperture to a case attached to said substrate.
30. (Previously presented) The method of Claim 27, said attaching a cover to said substrate comprising attaching said cover to a case attached to said substrate.